**Science Lesson Plans Grade 3 Chapter 8**

**Objective: (ACOS)**

11.) Describe Earth's layers, including inner and outer cores, mantle, and crust.

•  Classifying rocks and minerals by characteristics, including streak, color, hardness, magnetism, luster, and texture

12.) Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.

•  Identifying cloud types associated with specific weather patterns

•  Identifying positive and negative effects of weather phenomena

Examples:

- positive-flooding deposits good soil when waters recede,

- negative-flooding kills crops

•  Identifying technology used to record and predict weather, including thermometers, barometers, rain gauges, anemometers, and satellites

•  Explaining symbols shown on a weather map

•  Organizing weather data into tables or charts

**Methods/ Student engagement (procedures and materials)**

Lesson 1: What are Earth’s layers?

Lesson 2: What are volcanoes and earthquakes?

Lesson 3: What are weathering and erosion?

Students will discover:

* Layers of the Earth
* How some forces change Earth’s surface quickly
* How other forces change Earth’s surface slowly

Students will be recording and defining vocabulary words in their Science Journal/ drawing and coloring pictures/ group and partner discussions/ viewing Magic school bus video about rocks and soil / researching rocks and soil on the internet/ researching rocks and soil through a variety of resources from the library

**Evaluation:**

Daily participation/ Science Journal/ Unit Test